

19990705.qrp v01_n509.qrl.990705

Date: Mon, 5 Jul 1999 19:03:25 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1509

QRP-L Digest 1509

Topics covered in this issue include:

- 1) [44269] Need Recommendations on Gel Cells and Solar Panels
by James P Rybak <jrybak@mesastate.edu>
- 2) [44270] Good Transistor Data Book???
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 3) [44271] query
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 4) [44272] Re: query
by david fouchey <dafouchey@home.com>
- 5) [44273] Re: query
by "Terry Bassett" <mutabut@net66.com>
- 6) [44274] new 2 qrp
by eddie@nac.net
- 7) [44275] Fusing grounds, (was Disaster Strikes!)
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
- 8) [44276] Museum Ships on the Air - QRP ops?
by n5ib@juno.com
- 9) [44277] Re: Disaster Strikes!
by Tim Ahrens <tahrens@hilconet.com>
- 10) [44278] QRP operation
by eddie@nac.net
- 11) [44279] tixie and pixie
by eddie@nac.net
- 12) [44280] Re: query
by "Jim Marciniak" <n1rui@together.net>
- 13) [44281] Re: query
by david fouchey <dafouchey@home.com>
- 14) [44282] Re: 706 Tune Control?
by Roger Hightower <n7kt@earthlink.net>
- 15) [44283] Re: tixie and pixie
by "John J. McDonough" <jjmcd@tm.net>
- 16) [44284] The Summer Homebrew Sprint....July 11
by "John F Marranca, Jr" <jmarran@juno.com>
- 17) [44285] Re: MI QRP Club Sprint
by "John J. McDonough" <jjmcd@tm.net>
- 18) [44286] Re: The Summer Homebrew Sprint....July 11
by "John J. McDonough" <jjmcd@tm.net>
- 19) [44287] Re: Fusing grounds, (was Disaster Strikes!)

- by Michael C Boatright <ko4wx@mindspring.com>
- 20) [44288] MI QRP Sprint
by malman@world.std.com (Joel Malman)
- 21) [44289] Re: QRP operation
by Peter Larsen <larsenp@cadvision.com>
- 22) [44290] Re: Fusing grounds, (was Disaster Strikes!)
by "George T. Baker" <w5yr@swbell.net>
- 23) [44291] QRP ARCI 1,000 Mile Per Watt Award Records
by radioham@erols.com
- 24) [44292] Re: Help on selecting Battery Testers / Chargers
by "George T. Baker" <w5yr@swbell.net>
- 25) [44293] New Member
by KD5GCL@aol.com
- 26) [44294] Re: QRP operation
by Barry J Minsky <w2bj@juno.com>
- 27) [44295] Re: MI QRP Club Sprint
by "Jerry Decker" <n5rv@hex.net>
- 28) [44296] Re: Museum Ships on the Air - QRP ops?
by "Jerry Decker" <n5rv@hex.net>
- 29) [44297] Repost===== Tube QRP Xmitter
by RangerSF5@aol.com
- 30) [44298] Re: General Coverage Receiver
by Bill B Lazure <n2tpa@juno.com>
- 31) [44299] Re: QRP operation
by "George T. Baker" <w5yr@swbell.net>
- 32) [44300] Good book
by Bob Liesenfeld <wb0poq@visi.com>
- 33) [44301] Re: QRP ARCI 1,000 Mile Per Watt Award Records
by "Randy Jouett" <rules@bellsouth.net>
- 34) [44302] Re: Good Transistor Data Book???
by "Paul Anton" <anton@ais.net>
- 35) [44303] Amateur Radio Licensing Course
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 36) [44304] Re: Disaster Strikes!
by "Randy Jouett" <rules@bellsouth.net>
- 37) [44305] 706 Tuner Control
by Jerry Henshaw <jhenshaw@bellsouth.net>
- 38) [44306] Re: Want Ten Meter Wire Antenna Suggestions
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 39) [44307] Please remove from list
by WB9MII@aol.com
- 40) [44308] Re: Fusing grounds, (was Disaster Strikes!)
by "Francis Callahan" <colcal@srv.net>
- 41) [44309] Re: Repost===== Tube QRP Xmitter
by Stanley Wilson <microres@crl.com>
- 42) [44310] Re: QRP operation (HF vs V/UHF)
by "Chuck Carpenter" <w5usj@globeco.net>
- 43) [44311] Re: Fusing grounds, (NEC) (was Disaster Strikes!)

- by "Chuck Carpenter" <w5usj@globeco.net>
- 44) [44312] Noise Bridge, FAQ, "... what does it do?..."
by John R Kirby <n3aaz-qrp@juno.com>
- 45) [44313] Antenna launching
by SKIPNC90@aol.com
- 46) [44314] QRP mini-rig kits
by Tom Palmer <n1tp@worldnet.att.net>
- 47) [44315] General Coverage Receiver
by pierce@rice.edu (George F. Pierce)
- 48) [44316] Re: TELL me more about ROGERS?
by Randy and Cara Randall <crrandal@seidata.com>
- 49) [44317] Re: New Member
by Terry Bendell <terryb@bmts.com>
- 50) [44318] Fireball Run I: Results
by Ken Newman <N2CQ@citnet.com>
- 51) [44319] Re: General Coverage Receiver
by "William Penhallegon" <w4stx@gte.net>
- 52) [44320] Re: QRP operation (HF vs V/UHF)
by Zack Lau <zlau@arrl.org>
- 53) [44321] ZM-2 Question
by Jay Freeman <jayFreem@direcpc.com>
- 54) [44322] Re: Repost====Tube QRP Xmitter
by af852@rgfn.epcc.edu (William R Colbert)
- 55) [44323] Re: QRP Moonbounce?!?! Phooie\!
by Zack Lau <zlau@arrl.org>
- 56) [44324] MI 4th July QRP Sprint
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 57) [44325] Re: ZM-2 Question
by Stanley Wilson <microres@crl.com>
- 58) [44326] Re: Good Transistor Data Book???
by "Paul Anton" <anton@ais.net>
- 59) [44327] Re: Good Transistor Data Book???
by "Paul Anton" <anton@ais.net>
- 60) [44328] Re: Repost==== Tube QRP Xmitter
by Ron <rong@slip.net>
- 61) [44329] Thanks
by eddie@nac.net
- 62) [44330] 7122 khz. crystals needed
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 63) [44331] RE: Fusing grounds, (NEC) (was Disaster Strikes!)
by "." <wv0r@oct.net>
- 64) [44332] Re: Repost==== Tube QRP Xmitter
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 65) [44333] WTD: FT-7 or FT-7B
by Stanley Wilson <microres@crl.com>
- 66) [44334] Re: Repost==== Tube QRP Xmitter
by david fouchey <dafouchey@home.com>
- 67) [44335] (no subject)

- by Blackpug1@aol.com
- 68) [44336] Fw: 706 Tuner Control
by william h ross <k6mgo@juno.com>
- 69) [44337] Help - schematic needed
by Bill H Hays <wj5o@juno.com>
- 70) [44338] Re: New Member
by "Francis Callahan" <colcal@srv.net>
- 71) [44339] PM-3A
by Richard Arland <r_arland@hotmail.com>
- 72) [44340] Re: Help - schematic needed
by w4bws@juno.com
- 73) [44341] Re: Repost===== Tube QRP Xmitter
by w4bws@juno.com
- 74) [44342] Doug Hendricks and Key Fever
by Jay Bromley <w5jay@alltel.net>
- 75) [44343] Re: PM-3A
by "Randy Jouett" <rules@bellsouth.net>
- 76) [44344] lets trade
by santomas <santomas@gte.net>
- 77) [44345] Re:connectors for cable tv scraps
by sholisky@ktca.org (Scott Holisky)
- 78) [44346] Re: Repost===== Tube QRP Xmitter
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 79) [44347] Reminder: SP tonight
by malman@world.std.com (Joel Malman)
- 80) [44348] FS: Portable QRP Antennas
by Joe Everhart <n2cx@voicenet.com>
- 81) [44349] Re: Repost===== Tube QRP Xmitter
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 82) [44350] Semiconductor Data
by dfirlik@juno.com
- 83) [44351] Switching Power Supplies
by dfirlik@juno.com
- 84) [44352] Coil Q Project
by "George Murphy" <VE3ERP@encode.com>
- 85) [44353] Anguilla Turns from the Darkside
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 86) [44354] Gate-protected 40673's??
by James P Rybak <jrybak@mesastate.edu>
- 87) [44355] Re: Coil Q Project
by KB90CE@aol.com
- 88) [44356] Re: ZM-2 Question - May be Open Feedline?
by "James R. Duffey" <jamesd1@flash.net>
- 89) [44357] Re: Gate-protected 40673's??
by "John Moriarity" <k6qq@hdo.net>
- 90) [44358] Repost===== Tube QRP Xmitter
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 91) [44359] MXM Industries QRP 30-M rig

by RangerSF5@aol.com

Date: Sun, 4 Jul 1999 17:08:56 -0600 (MDT)
From: James P Rybak <jrybak@mesastate.edu>
To: qrp-1@lehigh.edu
Subject: [44269] Need Recommendations on Gel Cells and Solar Panels
Message-ID: <Pine.OSF.4.10.9907041657400.28288-1000000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Where can I find out the basics on gel cells and solar panels and how to choose them intelligently? I want a gel cell power station for running a QRP station. I want to investigate the possibility of being able to recharge it with a solar panel if I am far away from the AC mains.

Thanks.

Jim WOKSD

Date: Mon, 05 Jul 1999 09:10:44 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44270] Good Transistor Data Book???
Message-ID: <377FE9F3.6D9D8224@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

For what it's worth I own a Motorola Master Index (1974) and it covers:

Pd - Vce - Ic - hFE (min) - Ft - Cob - etc. Gp - some NF and package.

Always been a very useful reference so if you want to know sumthin on an unknown I'm happy to look it up. Includes signal diodes, microwave and UHF diodes, LEDS, transient suppressors and tuning varactors.

--
73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic>

"By definition, a government has no conscience. Sometimes it has a policy, but nothing more". - Albert Camus

Date: Sun, 04 Jul 1999 19:38:31 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [44271] query
Message-ID: <19990704234005.D0HP4322@default>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What the devil is an altoids tin? We used to use sardine cans
and Sucrets tins.

An invention of the devil, if you ask me.

Must have been 9000 articles in QST about sardine can radios.

73 jerry w8gnd

Date: Sun, 04 Jul 1999 19:47:40 -0400
From: david fouchey <dafouchey@home.com>
To: jwodell@ameritech.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44272] Re: query
Message-ID: <377FF29C.924E209E@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A pretty neat box for mints, one size is about the size of an old
sardine tine but with rolled edges and a nice close able top. The Larger

one is even nicer for a rig. Not to mention the mints are pretty "cool" too...

Dave WA4EMR Altoids Addict

"Jerry W. O'Dell" wrote:

>
> What the devil is an altoids tin? We used to use sardine cans
> and Sucrets tins.
>
> An invention of the devil, if you ask me.
>
> Must have been 9000 articles in QST about sardine can radios.
>
> 73 jerry w8gnd

Date: Sun, 4 Jul 1999 19:03:12 -0500
From: "Terry Bassett" <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44273] Re: query
Message-ID: <000701bec679\$c8428e20\$405e8bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry & Group,

Altoids tins are simply the readily available mint tins. Made in England and for sale all over the place. Very strong mint, but a colorful tin.

73,

Terry, KA9TXE East Central Illinois

Date: Sun, 4 Jul 1999 20:37:52 -0400
From: eddie@nac.net
To: qrp-1@lehigh.edu
Subject: [44274] new 2 qrp
Message-ID: <199907050036.UAA72074@nss4.cc.lehigh.edu>

MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I obtained my ham liscense about a year ago but havent been active for perosnal reasons. On the net I was introduced to QRP and found it something id like to persue and know more about.I am the type to be hands on and for this reason im looking for suggestions to build my own QRP transceiver and or station, can someone give me some links or ideas I can research. This help would be greatly appreciated. Im also new to the QRP-List..

regards
Eddie
KC2DYG

Date: Sun, 4 Jul 1999 19:49:00 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-l@lehigh.edu
Cc: ko4wx@mindspring.com
Subject: [44275] Fusing grounds, (was Disaster Strikes!)
Message-ID: <Pine.LNX.4.04.9907041938080.24879-1000000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi mike,

Sounds like a pretty scary event with the radio.

I'm not sure how you meant it:

> I bought this rig used, but it looks like the black and
> red twisted wire is standard in this rig. Can anyone
> confirm? If so, this can be VERY dangerous, as the ground
> wire is NOT fused, and makes A LOT OF SMOKE when its
> insulation burns.

I think this is one of the topics that gets some people going when involving mobile power, but I was always under the impression that the ground wire in a piece of equipment should NVER be fused, or does that only apply to AC powered eqpt?

--adam, ak0p
adam-kanis@uiowa.edu

Date: Sun, 04 Jul 1999 21:09:42 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [44276] Museum Ships on the Air - QRP ops?
Message-ID: <19990704.190202.11247.0.N5IB@juno.com>

In a couple of weeks members of the Baton Rouge ARC (as the USS Kidd ARC) will be participating in "Museum Ships on the Air" weekend when many the museum ships around the country will have ham radio aboard for a weekend of operation.

We will be aboard the USS Kidd, a "Fletcher Class" destroyer escort that survived a kamikazi attack during WWII, presently moored in the Mississippi River at Baton Rouge. We'll be using our new call, W5KID. I hope to carve out some QRP operating time during the event -- the organizers seem receptive to the idea after a nice QRP showing at FD.

Would like to hear from others on this list who will be aboard other ships - and your plans for QRP operations, if any. Perhaps we can settle in on some recommended time windows for 2-way QRP QSO's.

There will be a nice QSL and certificate from the Kidd - and maybe we can work up a QRP endorsement sticker... Will put more details and links on my web page --- www.qsl.net/n5ib --- in a few days hence...

72 and... all ashore who's going ashore....

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 04 Jul 1999 20:08:19 +0000
From: Tim Ahrens <tahrens@hilconet.com>
To: aa5tb@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44277] Re: Disaster Strikes!
Message-ID: <3777FBF33.6B5FBA39@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Steve wrote:

<snip>

The wires between the battery and the power supply actually became incandescent!

The entire room filled with smoke and I was yanking wires left and right until the glow-in-the-dark wires went out.

I remember something similar happening, & I started yanking wires too.. ooooooooooh, those 4"long burns across my palm really smarted for a couple of weeks!! ;-)

Happy 4th all

Tim W5FN

Date: Sun, 4 Jul 1999 21:33:35 -0400
From: eddie@nac.net
To: qrp-1@lehigh.edu
Subject: [44278] QRP operation
Message-ID: <199907050131.VAA58498@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Is most of the QRP operation in CW?

Date: Sun, 4 Jul 1999 21:53:10 -0400
From: eddie@nac.net
To: qrp-1@lehigh.edu
Subject: [44279] tixie and pixie
Message-ID: <199907050151.VAA26604@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

are these projects for cw operation?

Date: Sun, 4 Jul 1999 22:09:15 -0400
From: "Jim Marciniak" <n1rui@together.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44280] Re: query
Message-ID: <006501bec68b\$62afe140\$2ed3fea9@n1rui>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

An ALT0IDS tin is a tuna tin for those who wish to have fresher breath after emptying the tin =8-0

72,

Jim N1RUI

----- Original Message -----

From: Jerry W. O'Dell <jwodell@ameritech.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, July 04, 1999 7:38 PM
Subject: query

> What the devil is an altoids tin? We used to use sardine cans
> and Sucrets tins.
>
> An invention of the devil, if you ask me.
>
> Must have been 9000 articles in QST about sardine can radios.
>
> 73 jerry w8gnd
>
>
>

Date: Sun, 04 Jul 1999 22:17:42 -0400
From: david fouchey <dafouchey@home.com>
To: n1rui@together.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44281] Re: query
Message-ID: <378015C6.A8BE05C1@home.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuckle well yeah but Have ya ever tried to make a sandwich out of em?

Actually the larger Tin seems to be sturdier in construction than the small ones commonly found in the "Impulse Aisle" of the grocery store. True at approx. 5x9 and 3/4" thick its bigger but, well I don't see quite so good any more so the extra room comes in handy....

Dave
WA4EMR

Jim Marciniak wrote:

>
> An ALTOIDS tin is a tuna tin for those who wish to have fresher breath after
> emptying the tin =8-0
>
> 72,
>
> Jim N1RUI
> ----- Original Message -----
> From: Jerry W. O'Dell <jwodell@ameritech.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Sunday, July 04, 1999 7:38 PM
> Subject: query
>
> > What the devil is an altoids tin? We used to use sardine cans
> > and Sucrets tins.
> >
> > An invention of the devil, if you ask me.
> >
> > Must have been 9000 articles in QST about sardine can radios.
> >
> > 73 jerry w8gnd
> >
> >
> >

Date: Sun, 04 Jul 1999 19:19:31 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: n4bp@bc.seflin.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44282] Re: 706 Tune Control?

Message-ID: <377FB3C2.35D81442@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob,

I have one of these gems on each of my 706's. Believe me, it's well worth the price.

Tune-up is a snap, especially when the LDG tuner is used. No problems so far.

72, de Roger

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Sun, 4 Jul 1999 22:42:50 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <eddie@nac.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44283] Re: tixie and pixie
Message-ID: <004301bec690\$21fd6f00\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

From: eddie@nac.net <eddie@nac.net>

> are these projects for cw operation?

Yep

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 4 Jul 1999 22:46:54 -0400

From: "John F Marranca, Jr" <jmarran@juno.com>
To: QRP-L@Lehigh.EDU
Subject: [44284] The Summer Homebrew Sprint....July 11
Message-ID: <19990704.225017.-118647.0.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well gang...it's that time again!! I must say that I am REALLY looking forward to next weekend. Between my birthday on the 12th and the Batavia, NY Hamfest, and then the Sprint...it promises to be a great time.

I do have a question though....can anyone tell me where I might be able to procure a Tixie/Pixie kit? Any leads are appreciated.

73 and Happy 4th
John KB2HSH

Date: Sun, 4 Jul 1999 22:51:09 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <malman@world.std.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44285] Re: MI QRP Club Sprint
Message-ID: <005a01bec691\$3e9ebaa0\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Grrr

Lost power tonight and got it back a half hour before the sprint ended! Been looking for a contest, too. Oh well, there's always next year!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 4 Jul 1999 22:58:15 -0400
From: "John J. McDonough" <jjmcd@tm.net>

To: <jmarran@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44286] Re: The Summer Homebrew Sprint....July 11
Message-ID: <005f01bec692\$3e453380\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: John F Marranca, Jr <jmarran@juno.com>

>I do have a question though....can anyone tell me where I might be able
>to procure a Tixie/Pixie kit? Any leads are appreciated.

I think HSC still has Pixies - and 7040 crystals, too.

<http://www.halted.com/>

You might also look at the NJ QRP Club's FB40 - especially now that DigiKey
has oscillators cheap for any freq.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 04 Jul 1999 23:08:39 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: "Adam B. Kanis" <adam-kanis@uiowa.edu>
Subject: [44287] Re: Fusing grounds, (was Disaster Strikes!)
Message-ID: <378021B7.EDB88579@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Adam,

I'm sure there are much more knowledgeable folks on this subject than I.
However, if I were designing this rig, I probably would have put a very
short ground wire directly to ground at the power jack, and I probably
wouldn't have twisted positive and negative wires for a 6"-8" run through

the rig.

Net-net, I've now learned not to trust the fuse in the rig as my only protection. Normally, in my shack, I run my station through an MFJ-1118 distribution panel. Although it's a pain to replace the fuse when it occasionally blows, it has saved me many times over. Now I've learned that it's also critical to fuse the power on mobile/portable ops, and not just assume I'm OK with the built-in fuse.

72 de Mike, K04WX
Adam B. Kanis wrote:

> Hi mike,
>
> Sounds like a pretty scary event with the radio.
>
> I'm not sure how you meant it:
>
> > I bought this rig used, but it looks like the black and
> > red twisted wire is standard in this rig. Can anyone
> > confirm? If so, this can be VERY dangerous, as the ground
> > wire is NOT fused, and makes A LOT OF SMOKE when its
> > insulation burns.
>
> I think this is one of the topics that gets some people going when
> involving mobile power, but I was always under the impression that the
> ground wire in a piece of equipment should NEVER be fused, or does that
> only apply to AC powered eqpt?
>
> --adam, ak0p
> adam-kanis@uiowa.edu

--
Mike Boatright, K04WX
District EC, GEMA, Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Sun, 4 Jul 1999 23:18:10 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Subject: [44288] MI QRP Sprint

Message-ID: <199907050318.AA16175@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP Folks,

Well, the MI Sprint was fun... But only worked 46 stations ... Sure was nice to hear from HP1AC and the other DX QRP stations. I expect to work most everyone again tomorrow (Monday) night in the ARS SP Sprint.

Hummm.... This QRP stuff is fun ... keep your keyers warm.

--

/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Mon, 05 Jul 1999 03:45:19 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: eddie@nac.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44289] Re: QRP operation
Message-ID: <37801C3F.B686569@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not mine.

> Is most of the QRP operation in CW?

--

73 es have fun
Peter
VE6YC D021wc

Artificial intelligence is no match for natural stupidity.

Date: Sun, 04 Jul 1999 22:57:07 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ko4wx@mindspring.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44290] Re: Fusing grounds, (was Disaster Strikes!)
Message-ID: <37802D13.B4D2D04A@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Most auto manufacturers and radio manufacturers recommend fusing both power leads at the battery terminals in an automotive installation. One reason for this concerns the possibility that the ground strap from the engine/starter to the battery negative terminal may open, in which case it is possible for starter current to flow through the radio ground system to the battery negative. A fuse in the negative lead would, of course, open this current path and avoid damage to the radio, etc.

I believe that the NEC prohibits fusing or switching the neutral lead of an a-c service. I do not recall what the NEC says about d-c circuits. Perhaps someone can jump in with that part of the story . . .

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Mon, 05 Jul 1999 00:02:03 -0400
From: radioham@erols.com
To: qrp-l@lehigh.edu
Subject: [44291] QRP ARCI 1,000 Mile Per Watt Award Records
Message-ID: <3.0.6.32.19990705000203.00797a90@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have received several requests asking for the records for each band. Some people have also asked about the kinds of rigs and antennas used. The records I have stretch from August 7, 1966, when certificate #1 was issued to K7QXG to June 30, 1999 and the issuance of certificate #1668 to HL9BK. Except for a few awards for which very little information is available, all I have is the station's calls, addresses, power, distance, mode, band and date. We do not collect other information - for two reasons - first, it would be a monumental task to maintain all that info and second, and probably most important, I receive enough incomplete applications now, which require lots of back and forth e-mails to complete. If we asked for more info, it is doubtful we would get it from many applicants.

Here are the current record holders, by band, with award number, awardee, his power, other station, their power, actual distance, miles per watt, mode and date of QSO:

1.8 MHz	#244	G3VWK	20MW	GW4AEC	10MW	133	13,300	SSB	710525
3.5 MHz	#1122	AA2U	613uW	CH9ASJ	QRO	522	851,549	CW	880203
7 MHz	#1481	AA4XX	221uW	KA3WTF	5	452	2,045,249	CW	951226
10 MHz	#1637	KJ5TF	1MW	KL2A	QRO	1,681	1,681,000		
		CW	990120						
14 MHz	#979	AA2U	80uW	N4RM	QRO	1,294	16,175,000	CW	840714
18 MHz	#1298	K4TWJ	250MW	VK6HG	QRO	11,045	44,180	CW	920416
21 MHz	#1455	G0IFK	39.9uW	K1RM	5	3,217	80,626,566	CW	910519
24 MHz	#1256	JL1FXW	2	A35QC	QRO	4,889	2,445		
		SSB	900731						
28 MHz	#1178	K7IRK	6uW	WA6YPE	QRP	1,310	218,333,333	CW	891025
50 MHz	#1149	J01XWH	0.05uW	JH1MBQ	4	6.71	134,200,000		
		AM	890503						
144 MHz	#1177	OK1DKW	160NW	OK10FK	QRO	14	87,500,000	SSB	870620
1296 MHz	#894	KF4JU	150uW	W4ODW	QRO	346	2,306,670	CW	840429
10 GHz	#879	VK4ZSH	1MW	VK4ZNC	1MW	124	124,000	FM	780414

I hope these columns stay in one piece. If you want a better copy, I can e-mail you a MS word version.

All these records are up for grabs. If you want to be famous (at least on QRP-L and in QRP ARCI), then go for it. As before, I believe all HF contacts, at least, should represent communications over a reasonable distance more than line of sight. I'm not too sure about the 50 MHz record being real communications, given that the band opens nicely during every sun-spot maxima, and I am open to suggestions on what everyone considers to be a reasonable minimum distance.

In the meantime, keep shooting for the record books.

72/73,

Steve, N4EUK
QRP ARCI Awards Manager
www.qrparci.org

Date: Sun, 04 Jul 1999 23:01:16 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: hudog@sparc.isl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44292] Re: Help on selecting Battery Testers / Chargers
Message-ID: <37802E0C.DBE6A895@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George, take a look at the Radio Shack Battery Tester. I have seen it on sale for anywhere from \$9.95 to \$12.95. Very handy little box . . .

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

George Huston wrote:

>

> I'd appreciate any advice on recommendations for battery testers

Date: Mon, 5 Jul 1999 00:08:04 EDT
From: KD5GCL@aol.com
To: qrp-l@lehigh.edu
Subject: [44293] New Member
Message-ID: <2a85756.24b189a4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Just wanted to introduce myself to the group. I got my ham license January 20th of 1999. I've done nothing but study and upgrade since. I was introduced to a local QRP club "Don Quixote QRP International". A couple of weeks ago three of us set up CW QRP lakeside out in the woods. We hammered Field Day CQR's for 20 hours straight. We made about 160 contacts and accumulated 1900 points. This experience was so exhilarating!! My head was spinning with code. The birds were even sending code. I can't get the code out of my head. (Sounds like a song) At any rate I am hooked for life.

73 Gary AC5SV

Date: Sun, 4 Jul 1999 23:53:18 -0400
From: Barry J Minsky <w2bj@juno.com>
To: eddie@nac.net
Cc: qrp-l@Lehigh.EDU
Subject: [44294] Re: QRP operation
Message-ID: <19990705.000939.-343727.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, most QRP operation is CW. However, there are many who operate QRP SSB.

On Sun, 4 Jul 1999 21:33:35 -0400 eddie@nac.net writes:
>Is most of the QRP operation in CW?

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Sun, 4 Jul 1999 23:15:38 -0500
From: "Jerry Decker" <n5rv@hex.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44295] Re: MI QRP Club Sprint
Message-ID: <000d01bec69d\$0ac99220\$0201a8c0@jdecke>

The ARS Sprint is Monday night. Jump right on in!!!

Hope to see you there!

72, 73 de Jerry N5RV

N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW
ARRL Member

----- Original Message -----

From: John J. McDonough <jjmcd@tm.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, July 04, 1999 9:51 PM
Subject: Re: MI QRP Club Sprint

> Grrr

>

> Lost power tonight and got it back a half hour before the sprint ended!

> Been looking for a contest, too. Oh well, there's always next year!

>

> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>

> didileydadidah QRP-L #1446 Code Warriors #35

>

Date: Sun, 4 Jul 1999 23:18:04 -0500

From: "Jerry Decker" <n5rv@hex.net>

To: <n5ib@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [44296] Re: Museum Ships on the Air - QRP ops?

Message-ID: <001f01bec69d\$61e7d120\$0201a8c0@jdecker>

Are you planning to hang around the standard QRP freqs?

de Jerry

N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW
ARRL Member

----- Original Message -----

From: <n5ib@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Sunday, July 04, 1999 8:09 PM
Subject: Museum Ships on the Air - QRP ops?

> In a couple of weeks members of the Baton Rouge ARC (as the USS Kidd
> ARC) will be participating in "Museum Ships on the Air" weekend when many
> the museum ships around the country will have ham radio aboard for a
> weekend of operation.
>
> We will be aboard the USS Kidd, a "Fletcher Class" destroyer escort that
> survived a kamikazi attack during WWII, presently moored in the
> Mississippi River at Baton Rouge. We'll be using our new call, W5KID.
> I hope to carve out some QRP operating time during the event -- the
> organizers seem receptive to the idea after a nice QRP showing at FD.
>
> Would like to hear from others on this list who will be aboard other
> ships - and your plans for QRP operations, if any. Perhaps we can settle
> in on some recommended time windows for 2-way QRP QSO's.
>
> There will be a nice QSL and certificate from the Kidd - and maybe we can
> work up a QRP endorsement sticker... Will put more details and links on
> my web page --- www.qsl.net/n5ib --- in a few days hence...
>
> 72 and... all ashore who's going ashore....
>
> Jim N5IB
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 5 Jul 1999 00:27:50 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [44297] Repost==== Tube QRP Xmitter
Message-ID: <d2757ed5.24b18e46@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob, N2EDF
Ave

973-729-2600 Robert C. Shelton, Jr. 9 Lakeview

P. O. Box 607
Andover, NJ 07821

Tube QRP 2-band xmtr kit 40m & 80m
50C5 Xtal Xmtr, breadboard style \$39
Includes 3700 kHz crystal.E-mail: rcs@goes.com

Someone wanted to know where they could pick up a tube QRP rig/kit for a younger child.
I can't remember who it was but I found this info on another site and decided to post it and maybe the person will see it.

72/73

Bob

WA2HOQrp <tm>

Date: Sat, 3 Jul 1999 12:14:14 -0400
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.edu
Subject: [44298] Re: General Coverage Receiver
Message-ID: <19990705.002658.7038.2.N2TPA@juno.com>

Now that we've covered the topic of size and style (discrete vs. IC), how 'bout we move on to performance. Would we like a high performance rcvr, or one that hears "reasonably well".

I recall an article a while back describing a simple rcvr using a pair of '602s and a murata (tm) ceramic filter @ 455 KHz for selectivity. It used a single 3340 for IF gain. The board was only around 2" x 3".

73,

Bill
W2EB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 04 Jul 1999 23:48:24 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: w2bj@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44299] Re: QRP operation
Message-ID: <37803918.A2A94273@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Let me also mention that a lot of PSK31 activity is done at QRP levels. Of all the digital modes, PSK31 seems to have the best weak-signal capabilities, and is a natural for QRP operation. Very frequently, one obtains 100% printed copy from a signal that doesn't move the S meter or occasionally cannot even be heard!

PSK31 was written up in a recent QST article and is becoming rapidly the most popular digital mode.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Barry J Minsky wrote:

>
> Yes, most QRP operation is CW. However, there are many who operate QRP
> SSB.

Date: Sun, 04 Jul 1999 22:56:50 -0500
From: Bob Liesenfeld <wb0poq@visi.com>
To: QRP-L reflector <qrp-l@lehigh.edu>
Subject: [44300] Good book
Message-ID: <37802D02.4DE58BF6@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I just finished reading "Wireless Radio: A Brief History" by Lewis Coe. Excellent book. Lots of good stuff on CW, pioneers etc. For instance, did you know that R.V.L Hartley (of oscillator fame) lived until 1972? I allways new there was a "Mr. Hatley" but had no details.

Lay your hands on a copy of this book!

72 Bob 'POQ
--

Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Mon, 5 Jul 1999 02:31:08 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <radioham@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44301] Re: QRP ARCI 1,000 Mile Per Watt Award Records
Message-ID: <003f01bec6b9\$08d77560\$e566d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: radioham@erols.com <radioham@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, July 04, 1999 11:07 PM
Subject: QRP ARCI 1,000 Mile Per Watt Award Records

>I have received several requests asking for the records for each band.
>Some people have also asked about the kinds of rigs and antennas used. The
>records I have stretch from August 7, 1966, when certificate #1 was issued
>to K7QXG to June 30, 1999 and the issuance of certificate #1668 to HL9BK.
>Except for a few awards for which very little information is available, all
>I have is the station's calls, addresses, power, distance, mode, band and
>date. We do not collect other information - for two reasons - first, it
>would be a monumental task to maintain all that info and second, and
>probably most important, I receive enough incomplete applications now,
>which require lots of back and forth e-mails to complete. If we asked for
>more info, it is doubtful we would get it from many applicants.

>

>Here are the current record holders, by band, with award number, awardee,
>his power, other station, their power, actual distance, miles per watt,
>mode and date of QSO:

Hi, Steve. Thanks for the info! I woke up late Saturday
(around 1:00pm), and some friends from out of town that
I haven't seen since college showed up. We sat around
shooting the breeze for a few hours, so I didn't get out to
the contest super station and try for the record until around
4:00pm.

When I got out there, Pat (W5WMU) and his daughter were painting the shack. Both were covered from head to toe with the stuff :^). I looked around and gawked at all the antennas and towers. There must have been 15 or 20 towers, with 4 or 5 antennas on each of em!

Anyway, about this time the weather started getting bad. Pat and I decided to blow off the record attempt until this coming Saturday. Hopefully, I'll get to bed early this coming weekend :^).

One good thing happened that is kinda' QRP related, though. Pat and I are going to do some horse trading. I'm going to swap a Henry 2K Linear Amplifier for a Toyota 4WD pickup that was sitting in the field gathering dust. Anywho, AB5NI will now be 100% QRP from this day forth :^).

Hopefully -- if the \$!%\$!%\$! weather holds up!! -- I'll be out there again this coming weekend. If anyone wants to give the record a shot with me, just listen up on 21.040, 21.040, 14.040, and 7.040.

Date: Mon, 5 Jul 1999 02:47:45 -0500
From: "Paul Anton" <anton@ais.net>
To: <jrybak@mesastate.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44302] Re: Good Transistor Data Book???
Message-ID: <199907050747.DAA16878@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alternatively there is a website that cross references transistors:
www.washington.edu

> From: James P Rybak <jrybak@mesastate.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Good Transistor Data Book???
> Date: Sunday, July 04, 1999 1:36 PM

>
>
>
> Can someone please recommend to me a good transistor data book which
> currently is published or is only fairly recently out of print?
>
> Thanks.
>
> Jim Rybak W0KSD
>

Date: Mon, 05 Jul 1999 17:51:40 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44303] Amateur Radio Licensing Course
Message-ID: <3780640C.33E50F71@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I have been encouraged to place before you all, my peers, my idea of conducting a web based course. I have begun the initial steps. I now ask you to look at the full syllabus which may be found at the end of either of these pages:

<http://www.integritynet.com.au/~purdic/licensing.htm>

or

<http://www.qsl.net/vk2tip/licensing.htm>

Your usual constructive comments are solicited.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic>
URL - <http://www.qsl.net/vk2tip/>
"By definition, a government has no conscience. Sometimes it has a

policy, but nothing more". - Albert Camus

Date: Mon, 5 Jul 1999 03:13:24 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <tahrens@hilconet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44304] Re: Disaster Strikes!
Message-ID: <008a01bec6be\$a998c580\$e566d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I remember something similar happening, & I started yanking wires too..
>oooooooooooooh, those 4"long burns across my palm really smarted for
>a couple of weeks!! ;-)

This experience reminds me of the time when I was around 16-years old and soldering up a project that I read about in 73 mag. (Gawd -- I miss 73 mag from the 70's!!) Anywho, here I am soldering this thing and the phone rings. "Aha! It's my girlfriend!" runs through my mind and I race for the phone. As I'm standing up, spinning quickly, aiming myself at a phone 20 feet away, taking a large "let's get up and run" step, the soldering-iron cord comes flying around, hits the floor, and I step on it! Needless to say, I was barefoot :^) :^) :^). Man -- I thought that burn would never heal :^).

I have some shack "mishaps" like this if y'all wanna' hear em' :^).

Date: Mon, 5 Jul 1999 06:01:17 -0400
From: Jerry Henshaw <jhenshaw@bellsouth.net>
To: "'QRP List'" <qrp-1@Lehigh.EDU>, "'n4bp@bc.seflin.org'" <n4bp@bc.seflin.org>
Subject: [44305] 706 Tuner Control
Message-ID: <01BEC6AB.D354A640@host-216-77-209-76.fll.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bob,

I have one of those Better RF 706 Tune Controls on my 706 with the LDG Autotuner and Outbacker Perth Plus. I should have showed demonstrated it when I was at your QTH.

The unit works great and makes it a lot easier to tune the 706 with the autotuner. I have the original 706 and one feature of the tune control does not work with the my 706 and that is the 20 second time out. The 20 second time out is an internal function of the 706 and not the tuner control. I spoke with the guys at Better RF about this situation and they said they had not tried the time out with the original 706 but it worked fine with the MKII.

Anyway, I am not about to tear my 706 out of the car to try and troubleshoot this problem... not a big deal to me.

Has anyone else experienced this with their 706 Tune Control?

72's

Jerry Henshaw
KR5L/4

Date: Mon, 5 Jul 1999 06:58:01 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44306] Re: Want Ten Meter Wire Antenna Suggestions
Message-ID: <Pine.GS0.4.10.9907050643050.28115-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A square quad loop will have about 1 dB gain over a dipole at any given effective height (and the center of a quad loop for the same elevation angle of radiation is about 2/3 of the distance between the horizontal wires.

The maximum gain configuration is not a circle, but a rectangle that is taller than wide for horizontally polarized radiation and a bottom center feedpoint. It will add about another half to 3/4 dB to the gain and can be designed to bring the feed point impedance to 50 Ohms. An alternative, described in one of the Antenna Compendium volumes is the "hentenna" that consists of a rectangle and an added matching section, for a little more gain. The next issue of 10-10 News will discuss the three loop

configurations in the An-Ten-Ten-nas series, and copies of the entire series so far published are at my site.

In all cases, gain is purchased at the expense of a narrower beamwidth. Hence, for any fixed installation, the span of station locations where the gain is effective grows smaller as you go beyond the basic square loop.

On 10 meters, one might also consider a simple rotatable dipole made from hardware depot tubing. Even at lower heights, like 20' up on two sections of TV mast, the ability to hand rotate the dipole broadside to the desired signal or to rotate the side nulls on top of QRM may be more useful than the added gain that does not point where we want it to go. Since a 10-meter dipole is only about 16' long or so, it might be compact enough to fit in a small yard and not be obtrusive. Hand rotating is an old ham tradition. It can also be made to disassemble easily for hilltop use. (I use the term "hilltopping" to designate places I can drive to, in contrast to backpack antennas, which have different requirements.) The next Antenna Compendium will describe "a dipole in a tube" and "a beam in a boom" and the element systems can be exchanged with each other (there are aluminum rod and aluminum tube systems shown).

Just some alternative ideas for the 10-meter antenna pot.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm)	(423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)	(423) 974-3509
37938-4443	USA	/	\	\	\	\		cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html							

Date: Mon, 5 Jul 1999 07:01:06 EDT
From: WB9MII@aol.com
To: QRP-L@lehigh.edu
Subject: [44307] Please remove from list
Message-ID: <650b943.24b1ea72@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,
For the time being...pls remove me from QRP-L. Will reapply for readmission
at a later date. Thanks
Greg
WB9MII@AOL.COM

Date: Mon, 5 Jul 1999 05:05:05 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <w5yr@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44308] Re: Fusing grounds, (was Disaster Strikes!)
Message-ID: <199907051104.FAA19533@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Having worked for my elmer in the two way radio business a few years ,
every mobile unit we put in was fused both pos and neg as close to the
battery as possible. DThis was a life saver many times especially when
someone tried to jump the battery and only the fuse went. 72 Cal KF7ET

> From: George T. Baker <w5yr@swbell.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: Fusing grounds, (was Disaster Strikes!)
> Date: Sunday, July 04, 1999 8:57 PM
>
> Most auto manufacturers and radio manufacturers recommend fusing both
> power leads at the battery terminals in an automotive installation. One
> reason for this concerns the possibility that the ground strap from the
> engine/starter to the battery negative terminal may open, in which case
> it is possible for starter current to flow through the radio ground
> system to the battery negative. A fuse in the negative lead would, of
> course, open this current path and avoid damage to the radio, etc.
>
> I believe that the NEC prohibits fusing or switching the neutral lead of
> an a-c service. I do not recall what the NEC says about d-c circuits.
> Perhaps someone can jump in with that part of the story . . .
>
> 72/73, George AMA 98452 R/C since 1964

> Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
> AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
> QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Mon, 5 Jul 1999 04:01:57 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44309] Re: Repost==== Tube QRP Xmitter
Message-ID: <Pine.SUN.3.91.990705035129.10396A-100000@crl3.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Another source for simple tube xmitters is Vintage Radio Kits. These are built on cake pans like from the 1930's. The e-mail address is cpcw5@aol.com, the phone number is 781-784-0847, web site (?) is listed as mnsinc.com/bry/vintage.htm. Might try that with www. in front of it also.

I have seen pictures of these rigs and they look nice, run 5 watts output, 160 to 30 meter designs.

They want SASE (with \$1 in stamps) or \$1.50 for a catalog. They have a simple transceiver (tubes) with CW, AM fone and QSK. I have seen their ad in Electric Radio. Last address I have is Vintage Radio Kit, 427 North Main St. Sharon, MA 02067

NO I have not built one or am I in anyway involved with Vintage Radio.

de stan AK0B

Date: Mon, 05 Jul 1999 06:18:28 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: eddie@nac.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44310] Re: QRP operation (HF vs V/UHF)
Message-ID: <3.0.2.32.19990705061828.007ba100@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Eddie,

>Is most of the QRP operation in CW?

Probably most QRP operation is CW when you build your own or build one of the many HF band kits. SSB operation takes a lot more parts and multiplies the complexity of the kits.

There are a some good kits available that do have CW and SSB capability.

With QRP operation from QRO rigs, the choice is yours. Many KenYeaAliCom type rigs will operate at QRP levels =97 5 W CW and 10 W PEP SSB.

On 6 meters and up, QRP operation is more likely to be SSB but there are a number of CW ops who show up during some of the Es openings and other propagation modes.

Chuck Carpenter, Point, Rains County, Texas

Date: Mon, 05 Jul 1999 06:36:21 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: w5yr@swbell.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44311] Re: Fusing grounds, (NEC) (was Disaster Strikes!)
Message-ID: <3.0.2.32.19990705063621.007c1380@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi George et al,

>I do not recall what the NEC says about d-c circuits.

>Perhaps someone can jump in with that part of the story . . .

Looking through my NEC (1996) manual, I find nothing about DC circuits except as it relates to proximity to AC circuits coming from the power grid mains.

Chapter 8, Section 800, Article 810 C and D, there is specific information about Amateur Transmitting and Receiving Stations. I'd say very few of us are in compliance.

Chuck Carpenter, Point, Rains County, Texas

Date: Mon, 5 Jul 1999 08:09:34 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [44312] Noise Bridge, FAQ, "... what does it do?..."
Message-ID: <19990705.081047.-114923.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> "...I have a dumb question..."

A question is only dumb if you don't ask

FAQ-1...what does it do?

FAQ-2...modulated?

At this point in time,

I will answer FAQ-1 with two question.

ONE) Want to eliminate your antenna tuner or at least make it more efficient?

Try this,

- 1) connect your favorite antenna to your favorite tuner
- 2) adjust the tuner to your favorite band
- 3) disconnect just the transceiver from the antenna tuner but do not change tuner settings
- 4) connect the noise bridge UNKNOWN port to the antenna tuner (in place of the xcvr)
- 5) connect an AM radio receiver to the noise bridge RADIO port
- 6) tune the AM radio to "that" favorite band
- 7) null the bridge
- 7-1)The bridge now indicates two things
 - a) reactance (X) very close to zero
 - b) resistance (R) very close to 50 Ohms
- 8) remove the tuner and connect the bridge UNKNOWN port directly to the antenna
- 9) null the bridge
- 9-1) what does the bridge now indicate?
 - a) WOW, a bunch of reactance (X) and defined as >either< $X(C)$ >or< $X(L)$
 - b) R? WOW Lo00oK at THAT !

TWO) What would happen if I pruned my next antenna and or transmission line using a noise bridge?

FAQ-2modulated?

Modulation enhances AM detection.

In order to know when the noise bridge is balanced an indicator is required.

Since the bridge operates at radio frequencies a detector such as the station receiver is used. The AM mode works best.

John
N3AAZ

FM19xa

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 5 Jul 1999 08:13:22 EDT
From: SKIPNC90@aol.com
To: qrp-l@lehigh.edu
Subject: [44313] Antenna launching
Message-ID: <ded2f560.24b1fb62@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

My wife and I were returning from church and she made a comment about the extra antenna wires on the side of the house. I did not know what she was talking about so I took a look. One end of my wire antenna was on the ground with the feeder and wire hanging over the edge of the roof. The squirrels chewed the guide line. I guess they were getting even for sending the dog out on them.

I tried the water bottle launch method and it worked great. I used one of those 16oz. power steering fluid bottles and fishing line. With about 10 oz. of water I was able to throw the bottle about 40 feet into the trees (I needed to adjust this amount for best height). The neck of the bottle was a great handle for throwing.

It took a couple of tries to get it where I wanted it, but every throw was high in the trees. This is a compact and effective means of launching antennas wires anywhere you may need to. That is if you still have an arm for throwing things other than throwing out the garbage.

Thanks to who every it was that posted this on QRP-L. This is what its all about, helping each other with ideas.

73, Skip Davis NC90
K2 at 2 watts out and with my antenna much higher up now.

Date: Mon, 05 Jul 1999 08:25:39 -0400
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [44314] QRP mini-rig kits
Message-ID: <3780A443.65D1E125@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For info on QRP mini rig kits, open:

<http://qsl.net/k4msw/rigs.html>

72/73,

Tom, N1TP, Naples, Florida

Date: Mon, 5 Jul 1999 06:40:12 -0500
From: pierce@rice.edu (George F. Pierce)
To: qrp-l@lehigh.edu
Subject: [44315] General Coverage Receiver
Message-ID: <v01510103b3a6493db0c7@[128.42.176.126]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

When I first put this idea on QRPL my hope was that it might germinate into a full blown receiver kit of the latest design, with moderate (less than 50) components, a low component per square inch for ease of assembly, a size around 10 x 10 x 5, selectivity and variable bandwidth adequate for novice and non hypercritical CW work, containing internal battery. and of course A BIG TUNING KNOB. Oh did I mention the price less than \$100.

Wow, has it been an education! Like me, there seems to be a lot (unscientific quantitative term) of folks that that would buy such a kit. However, like me, most of these people are unaware of the time/talent/cost to develop such a project. Here's hoping that those who have the time/talent/resources choose to do such a project. I do offer to discuss participation in the cost of development.

Finally this will probably my last posting on the subject as I have nothing to contribute to the discussion. On my desk sits a Radio Shack DX-394 that seems to have a lot of empty space in it. Lets see now, an internal battery, an audio filter, some antenna tuning.....

Tnx & 72

George F. Pierce III
WA5ABS M0B0D
Email: pierce@rice.edu

Date: Mon, 05 Jul 1999 08:06:36 -0500
From: Randy and Cara Randall <crrandal@seidata.com>
To: KG8L@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44316] Re: TELL me more about ROGERS?
Message-ID: <3780ADDC.15FD775@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have to agree 100% with Mike on this. Roger's shop is one of the best and it is within driving distance! Neat, clean and well organized. Good prices too!
Here is a great plus for me, Ridge's store is very close to a cross stitch store so I can take the wife there and she has something she likes!

73
Randy KB8AS0

KG8L@aol.com wrote:

> Just for the advice of the folks on the list...
>
> When I was stationed at Wright Patterson AFB about 5 years ago, Rogers place
> was right outside the main gate and I did a LOT of business with him. He's
> extremely knowledgable and helpful, knows exactly what he has in his stocks,
> and is a GREAT person to do business with. I've dealt with a lot of surplus
> places over the years, and Roger (Midwest Surplus) tops them all. I highly
> recommend him.
>
> 72,

>
> Mike
> KG8L/5

--

Please visit STITCHCRAFT, home of handmade sheep and rabbit pins, and soon to have totebags, too!
<http://freecenter.digiweb.com/business/Cara30>

"...and the saints are just the sinners who fall down...and get up." -Bob Carlisle

Date: Mon, 05 Jul 1999 21:45:23 +500
From: Terry Bendell <terryb@bmts.com>
To: <KD5GCL@aol.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [44317] Re: New Member
Message-ID: <199907051352.JAA17186@Alice.BMTS.Com>
MIME-Version: 1.0

Excellent!
Welcome aboard. Resistance was futile, we assimilate all...

73
Terry

On 1999-07-05 KD5GCL@aol.com said:

>Just wanted to introduce myself to the group. I got my ham license
>January 20th of 1999. I've done nothing but study and upgrade since.
>I was introduced to a local QRP club "Don Quixote QRP
>International". A couple of weeks ago three of us set up CW QRP
>lakeside out in the woods. We hammered Field Day CQR's for 20 hours
>straight. We made about 160 contacts and accumulated 1900 points.
>This experience was so exhilarating!! My head was spinning with

>code. The birds were even sending code. I can't get the code out of
>my head. (Sounds like a song) At any rate I am hooked for life.
>73 Gary AC5SV

Terry Bendell

Net-Tamer V 1.11.2 - Test Drive

Date: Mon, 05 Jul 1999 09:59:45 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Cc: n2apb@erols.com
Subject: [44318] Fireball Run I: Results
Message-ID: <3.0.6.32.19990705095945.008597f0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fireball Run I Results

SCORES:

Callsign	QSOs	PTS	SPC	PWR-MLT	Fireball-MLT	SCORE
AA1MY	9	21	4	10	2	1680
N4UY	3	9	2	15	5	1350
N2CX	6	18	4	7	1	504
N2APB/M	3	9	2	7	1	126
N0AR	2	4	2	15	1	120
Club Station (Not Competing)						
WQ2RP	12	30	8	7	1	1680 (OP N2CQ)

Other stations in the Run:

K2PQ, W2SCF, K1QM, AA2PF, VA3ZBB, N1EI, WB0WQS and WZ2T. Thanks Folks.

Comments: WOW!! Those Fireballs won BIG! Next time I'll definately
run a Fireball to get into the action! Thanks to all for
entering in Fireball Run I. Anyone want to do it again???

72 de Ken - N2CQ

Soapbox:

de W2PQ:

Hi everyone: Had some fun with QRP this weekend. My Wife and I spent

the weekend in Cape May NJ. We went down early Friday and I took the MFJ 9040 with me. Our location was a nice motel on the beach. Hardly a Wilderness Alert. I thought the chance of putting up an antenna would be slim. I packed the rig anyway in it's special travel case, a plastic grocery bag. Luckily, we were on the 3rd (top) floor. I just fed some small enameled magnet type wire through the fiber glass window screen and let it hang against the building. I ran a counterpoise across the floor and the 971 tuned it right up. While my Wife was relaxing reading a novel I was relaxing while my new whiterook keyer called CQ. Worked a few QRP stations Fri night and a couple more Sat morning. Topped off the weekend by making a few contacts on the FB contest. Had the rig set up outdoors in a screen house. (Couldn't hear Wife, Kids, Dog,Washer,Dryer,TV, Doorbell or telephone.) Haven't had this much fun with the Hobby in a long time. 73
Frank -- K2PQ-- Waterford Works, NJ --

de N4UY

My 5-yr old daughter helped to build our Fireball -- it was a big thrill for her, and me, to make some contacts on it. I'm always amazed at what can be done with only a handful of parts and minimal power -- and what fun it is. Thanks to NJQRP.

Well, my daughter's 40m Fireball works!! Our 60 milliwatts made it to NJ and NY. Worked N2CX, AA1MY and WQ2RP (twice :-). Also heard N2APB/M, WB0WQS, K2PQ and WZ2T but no luck on my calls. I used my Argo 509 on receive and a 40m dipole. Wish I had something to get rid of the QRN.

Thanks for a fun contest -- wish I could have worked a couple more -- sigs seem to come up in the last half hour.

72,

Jake Carter -- N4UY
Vienna, VA

de N0AR

Here's my log entry for the contest. What a day, I did manage to get about an hours worth of time total. Pretty good considering all the other "honey-do" things that needed tending to...

Bands seemed down. Only heard WQ2RP on 20 meters, no activity on 10 and 80 was...well lets say we had a T storm move thru at around 4 pm....

So here's the log.

My power output on both qso's 250mw, WM-1 wattmeter, Yeasu FT-840, 40 meter dipole 18' high, R-5 at 25' on 20 meters.

WQ2RP on 20 meters NJ 5w
WB0WQS on 40 meters MO 5w

QS0s=2. QS0 points=4 (for two nonFireballs) X 2 SPCs X 15 Power : SCORE=120.

Thanks for the chance to catch a fireball...now where were they?

72's - Scott NOAR

Scott Holisky
Vadnais Heights, MN 55127

de N2CX

Guys,

Just a short note here.

I had a little time to operate in the FB test yesterday in between honey-do's.

Worked N4UY, AA1MY, WZ2T and N2APB/M on 40 and WQ2RP on both 40 and 80.

N4UY was unfortunately clobbered by the usual ac power line and TV horiz osc noise at my location in addition to foreign SSB QRM, but we did manage to pull it off! Seab, AA1MY, had an outstanding signal with his 350 mw!

I thought that there *were* some other guys in there but high QRM levels prevented me from copying them well enough to link up.

Many thanks to Ken for organizing the event! It's always great to have an excuse to get on the air and work my fellow QRP'ers.

72/73.,

Joe E.,
N2CX

de N2APB

My scrap of paper (i.e., log) is buried in my car someplace, but I recall working the following from my 5W mobile rig along the Jersey Tpk that evening:

- WQ2RP
- N2CX
- AA2MY
- (one more that I'll look for)

73, George N2APB

de N2ZHY

Couldn't make the Fireball Contest this weekend. Had to spend "quality time" with the y1!

Was able to listen in for a while and heard the following stations from Central NJ.

k2pq
wq2rp (alot)
va3zbb
aa1my (alot)
n2cx
aa1pf
? k2reb (I think)

Can't wait for the next contest.

72
David, n2zhy
Princeton, NJ

de AA1MY

-HERE 'TIS KEN... THANKS FOR ALL THE WORK! -S-

=====

AA1MY RUNNING FB40+ @ 350MW TO TUNER > LADDERLINE > 70' ZEPP SLOPER @ 30'.

0438 WQ2RP	559	NJ	5W	2
0440 K2PQ 559	NJ	5W	2	
0514 W2SCF	559	SNJ	1W	2
0518 K1QM 579	MA	4W	2	
0529 N2APB	559	NJ	5W	2
0557 N2CX 579	NJ	3W	2	
0602 N4UY 229	VA	#1	5	
0645 AA2PF	559	NY	30MW	2
0725 WZ2T 559	NY	5W	2	

Heard: VA3ZBB, WB0WQS...

Great time -hope we do this again soon!

72

-s-

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

de WQ2RP (op N2CQ)

Hi Guys,

Thanks for the Fireball entries on the Sunday afternoon spin.
The WX being rather poor brought some extra testers. The most
often signal today was AA1MY with a solid s 7-9 with his Fireball+.
Thanks for hanging in there Seab!

Also heard often was N4UY with his Fireball (or more correctly his
daughters little radio). Not strong but there.

Not many QSOs on any band but 10 meters was nil. Worked N0AR
on 20 with his 250mw from MN. Also N2CX on 80, the only signal heard
on the band.

WQ2RP is not in the competition but here was the result on the
club station: 210 QSO points x 8 SPCs = 1680.

I'll be looking forward to the next Fireball Run !

72/73 de
Ken Newman - N2CQ
Woodbury, NJ

N2CQ@ARRL.NET

WQ2RP: The NJ QRP Club Station

72/73 de
Ken Newman - N2CQ
Woodbury, NJ

N2CQ@ARRL.NET

~~~NJ QRP Club Home Page ~~~  
<http://www.NJQRP.org>

~~~Club Callsign~~~  
WQ2RP

Date: Mon, 5 Jul 1999 10:16:56 -0400
From: "William Penhallegon" <w4stx@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44319] Re: General Coverage Receiver
Message-ID: <002c01bec6f2\$d6e575e0\$a8e5fad0@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone out there have an old Radio Shack DX-150 communications receiver? I found an owner's manual while cleaning out my shack to send you if you do.

73,
Bill Penhallegon W4STX

Date: Mon, 05 Jul 1999 10:31:53 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@lehigh.edu
Subject: [44320] Re: QRP operation (HF vs V/UHF)

Message-ID: <3780C1D9.20142B0A@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On 903MHz and up, CW tends to be more popular than voice for DX work--Zack W1VT

Date: Mon, 05 Jul 1999 09:38:47 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44321] ZM-2 Question
Message-ID: <3780C377.BAAA45C1@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy gang,

My ZM-2 has decided it won't match my G5RV on 40m anymore (haven't tried any other bands). It used to do the job very well, but now the best I get is 1.9:1 (according to my new LDG DWM-4). In reviewing the recent past, 2 significant events come to mind:

1. Field Day
2. I raised one end of my G5RV so as to get all the ladder line up in the air.

At field day, I noticed at about three in the morning that it would no longer match the 40m sloper I had put up (it was cut a tad long). I figured it was the very heavy dew getting into my non-weatherproofed PL-259, but now I wonder if the tuner was damaged by the 200w 75m phone station. Turns out one end of their dipole was only about 20 feet from one of my sloper's legs.

I don't know why raising the antenna would make it unmatchable, but I suppose it is possible. SWR without a tuner is about 3.5:1, and my FT-990 autotuner matches it without any problem. (It will also match it on 160!)

I've looked inside it, and no parts are obviously fried. Also, as a further clue, the lowest SWR now occurs with the right cap. knob fully clockwise and the left cap. knob fully counter-clockwise.

Any ideas?

72/3,

Jay

--

```
*-----*
* Jay Freeman - WT9S                ARRL *
* G-QRP 10319 QRP-ARCI 9981 ARS 562   *
* SASS #18700                      NRA Life *
*-----*
```

Date: Mon, 5 Jul 1999 08:42:21 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@lehigh.edu
Subject: [44322] Re: Repost====Tube QRP Xmitter
Message-ID: <199907051442.IAA05656@rgfn.epcc.edu>

For some classic tube qrp kit info one might want to check out
the Vintage QRP site at: <http://www.monumental.com/bry/vintage.htm>

which has info on the cakepan qrp tube transmitters, regen receivers
and other stuff. I think they also have ads in World Radio and CQ.

73

Ray

--

Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Mon, 05 Jul 1999 10:44:23 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [44323] Re: QRP Moonbounce?!?! Phooie\!

Message-ID: <3780C4C7.C9D83FB9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WA7CJO did a 10 GHz EME demo when he hosted the Microwave Update in 1996--I heard echos at the 7 watt level--with an antenna located in downtown Phoenix!--Zack W1VT

Date: Mon, 05 Jul 1999 10:45:01 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [44324] MI 4th July QRP Sprint
Message-ID: <3780C4ED.79E88394@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed Kwik #1633
AB8DF
Waterford, MI 48328

Boy was this fun. I stayed on 20 Meters for the entire contest. Band was good and the short skip was working. I got a total of 39 QSOs with one dupe for 38 valid QSOs. I worked 23 states/provinces and 3 DX countries. I had a total of five DX two way QRP contacts including IK4HLP, G4IYE, G0PLW, G4VZF, and HP1AC. I used my unmodded NC20 at 5 watts and my 105 ft center feed dipole at 40 feet. Power was supplied by a 7 AH gel cell. Also used my new Kent paddles and a K10 keyer.
Summary:

116 QSO points X 1.5 HB multi = 174 total.

Thanks to everyone and 72's

Ed

Date: Mon, 5 Jul 1999 07:52:07 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>

To: Jay Freeman <jayFreem@direcpc.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44325] Re: ZM-2 Question
Message-ID: <Pine.SUN.3.91.990705075005.4864A-100000@crl2.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Jul 1999, Jay Freeman wrote:

>

> I don't know why raising the antenna would make it unmatchable, but I

> Any ideas? > > Jay > > > -- >

Any change in an antenna vertical position can change the VSWR. Sloping,
etc.

Date: Mon, 5 Jul 1999 09:59:50 -0500
From: "Paul Anton" <anton@ais.net>
To: <anton@ais.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44326] Re: Good Transistor Data Book???
Message-ID: <199907051504.LAA60908@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sri Gang,

The correct url is www.ee.washington.edu/eeca/parts/cross.html. This is
what happens when you work till 2 or 3 am every night for a few weeks.

73

Paul kb9tnj

> From: Paul Anton <anton@ais.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: Good Transistor Data Book???
> Date: Monday, July 05, 1999 2:47 AM
>
>
>

> Alternatively there is a website that cross references transistors:
> www.washington.edu

Date: Mon, 5 Jul 1999 10:15:07 -0500
From: "Paul Anton" <anton@ais.net>
To: "Paul Anton" <anton@ais.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44327] Re: Good Transistor Data Book???
Message-ID: <199907051515.LAA27948@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well apparently this no longer works either so again I have to apologize.
Pacific Semiconductor changed their website and they do not have their full
database connected up yet. Sri.

73

Paul kb9tnj

> Date: Monday, July 05, 1999 9:59 AM
>
> Sri Gang,
>
> The correct url is www.ee.washington.edu/eeca/parts/cross.html. This is
> what happens when you work till 2 or 3 am every night for a few weeks.
>
> 73
> Paul kb9tnj

Date: Mon, 05 Jul 1999 08:23:31 -0700
From: Ron <rong@slip.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [44328] Re: Repost==== Tube QRP Xmitter
Message-ID: <3780CDF3.62D8@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

RangerSF5@aol.com wrote:

>
> Bob, N2EDF 973-729-2600 Robert C. Shelton, Jr. 9 Lakeview
> Ave
> P. O. Box 607 Tube QRP 2-band xmtr kit 40m & 80m
> Andover, NJ 07821 50C5 Xtal Xmtr, breadboard style \$39
> Includes 3700 kHz crystal. E-mail: rcs@goes.com
>
> Someone wanted to know where they could pick up a tube QRP rig/kit for a
> younger child.
> I can't remember who it was but I found this info on another site and decided
> to post it and maybe the person will see it.
> 72/73
> Bob
> WA2HOQrp <tm>
Wouldn't a tube type QRP rig have somewhat dangerous voltages for a
younger child? I remember tubes as a kid, but seems that the current 12v
radios are much safer for a kid, notwithstanding the beauty and fun of
watching glowing filaments....

Date: Mon, 5 Jul 1999 11:27:15 -0400
From: eddie@nac.net
To: qrp-l@lehigh.edu
Subject: [44329] Thanks
Message-ID: <199907051525.LAA44022@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Thanks for all your replies. I really appreciate it. The real neat thing I
found about QRP is that its very cost effective. with just a few
bucks you can be on the air..

Regards
Eddie
KC2DYG

Date: Mon, 05 Jul 1999 10:24:14 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [44330] 7122 khz. crystals needed

Message-ID: <4.1.19990705102212.009d24f0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I know that Doug is on sababical for the time being. I need a couple of 7122 khz. novice/tech. crystals for a couple of pixie/tixie's to be given away the first week of August in Austin. Anyone with a couple they can spare please email privately.

TNX
Ed, N5EM

Date: Mon, 5 Jul 1999 10:31:34 -0500
From: "." <wv0r@oct.net>
To: "'w5usj@globeco.net'" <w5usj@globeco.net>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [44331] RE: Fusing grounds, (NEC) (was Disaster Strikes!)
Message-ID: <01BEC6D3.2B8B4860.wv0r@oct.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi to all:

Re: fusing the ground/low potential power wire. The only problem I had was with early radios which derived their high voktage power (100-150V) for the tube circuits using rectifiers etc directly across the AC power source without the use of an isolating transformer. At that time most of those units did not have a polarized pwer plug (3 pin). When the power plug was inserted into the wall socket so that the low side of the AC house wiring (White wire) was connected to the chassis there was no problem. How ever if the plug was reversed the high votage (115VAC) was then connected internal to the radio to chassis "ground" which then posed a shock hazard and/or burned up the "ground wire and/or blew the fuse/circuit breaker.

73 de wv0r@oct.net

On Monday, July 05, 1999 6:36 AM, Chuck Carpenter [SMTP:w5usj@globeco.net] wrote:

> Hi George et al,
>

> >I do not recall what the NEC says about d-c circuits.
>
> Looking through my NEC (1996) manual, I find nothing about DC circuits
> except as it relates to proximity to AC circuits coming from the power
grid
> mains.
>
> Chapter 8, Section 800, Article 810 C and D, there is specific
information
> about Amateur Transmitting and Receiving Stations. I'd say very few of us
> are in compliance.
>
>
>
>
> Chuck Carpenter, Point, Rains County, Texas

Date: Mon, 05 Jul 1999 10:43:06 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-1@lehigh.edu
Subject: [44332] Re: Repost==== Tube QRP Xmitter
Message-ID: <4.1.19990705103711.0093a450@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Wouldn't a tube type QRP rig have somewhat dangerous voltages for a
>younger child? I remember tubes as a kid, but seems that the current 12v
>radios are much safer for a kid, notwithstanding the beauty and fun of
>watching glowing filaments....

I have to agree. My first "radio" was an open-back, octal AM receiver. I didn't know a thing about it except for turning it on/off and tuning the dial. Great fun DXing the AM band at night. Zapped me many a time as I messed with things I shouldn't have been messing with. I was around 12. I survived to grow up but still, there's a lot of energy in that wall.

Transistors, ICs and batteries are the thing for today. Nostalgia is fine. Safety is a lot more important.

Ed, N5EM

Date: Mon, 5 Jul 1999 08:50:58 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>

To: qrp-1@Lehigh.EDU
Subject: [44333] WTD: FT-7 or FT-7B
Message-ID: <Pine.SUN.3.91.990705084954.25297A@crl4.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does not have to be working. Price and condition to microres@crl.com

Thanks, 73 de stan AK0B

Date: Mon, 05 Jul 1999 12:08:09 -0400
From: david fouchey <dafouchey@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44334] Re: Repost===== Tube QRP Xmitter
Message-ID: <3780D869.66E54B25@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oh I don't know, first radios I played around with were the old Kitchen transformer less ones, taught me real quick to keep one hand in my pocket. This was good training for later on when I got into higher power equipment such as Amps and Tube type Transmitters featuring 807's & 813's.... In today's 12 vdc world this reality checking doesn't occur until they are digging around the guts of some 3000 vdc 1 Amp supply in their brand new QRO amp.... where one mistake is usually all you get...

Dave
WA4EMR

"Ed Manual (N5EM)" wrote:

>
> >Wouldn't a tube type QRP rig have somewhat dangerous voltages for a
> >younger child? I remember tubes as a kid, but seems that the current 12v
> >radios are much safer for a kid, notwithstanding the beauty and fun of
> >watching glowing filaments....
>
> I have to agree. My first "radio" was an open-back, octal AM receiver. I
> didn't know a thing about it except for turning it on/off and tuning the
> dial. Great fun DXing the AM band at night. Zapped me many a time as I
> messed with things I shouldn't have been messing with. I was around 12. I
> survived to grow up but still, there's a lot of energy in that wall.
>
> Transistors, ICs and batteries are the thing for today. Nostalgia is fine.
> Safety is a lot more important.

>
> Ed, N5EM

Date: Mon, 5 Jul 1999 12:20:21 EDT
From: Blackpug1@aol.com
To: qrp-1@lehigh.edu
Subject: [44335] (no subject)
Message-ID: <7a1ff5c2.24b23545@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As a retired teacher of English and writer of fiction and non-fiction, I read with interest the thread on publishing articles about radio activities. My best recommendation about writing is...GO FOR IT!

As someone who has little or no background in electronics (and is mostly self-taught), I really appreciate those who take a moment to share their knowledge with me. In turn, I like to do the same for others with my area of expertise. So here goes. Grin.

I think most people approach common writing tasks--memos, letters, reports, articles--with anxiety because of negative writing experiences they've had in the past, usually--unfortunately--with a teacher of English. A good teacher is both a cheerleader and a critic. He or she knows when to praise and when to suggest an improvement. Too much criticism and a person loses his or her enthusiasm for a task. Too little criticism and a lot of praise can cause a person to not feel challenged, to become bored with a task. So it's a wise teacher who knows when to offer the right motivation. Unfortunately, many English teachers focus ENTIRELY on the issue of "correctness." They feel a certain obligation to red mark EVERY error on an assignment, often overwhelming an author. (To make matters worse, they often have little to say about the content.") Fortunately, in the last 20 years the teaching of English has evolved. It has adopted a "workshop model" for teaching writing skills. This involves writing lots of assignments and focusing on three or four problems per assignment and then charting progress from assignment to assignment. This method builds confidence, allows a student to take pride in his or her work, and doesn't overwhelm a student with so many problems at one time to be corrected that he or she has no idea where to start. (We've all had that disheartening experience, myself included, of an assignment that comes back "bleeding red.")

Unfortunately, a lot of people have never experienced this method of teaching writing. Which is too bad. EVERYONE has information to share with others. If we encouraged this sharing through writing, our society as a whole would

be more productive. Not to mention a better place to live.

Kind of an aside here but related. When I was in graduate school the best writing experience I ever had was sitting in a room with a prof and 12 other people and going over a manuscript word-for-word for three hours. Then, afterward, I'd have a 20 minute wrap-up with the prof. While these sessions were stressful at first, they taught me two valuable lessons. One, NOBODY...and I mean NOBODY...gets it completely right the first time. No matter how good the writer, he or she can benefit from suggestions. (This lesson was later reinforced when I started writing grants and technical documents that were drafted and then read by five or six people who made suggestions in the margins. They were VERY pleased with what I'd done and complimentary, but they had plenty of suggestions because their understanding of the material outstripped my own.) Even exceptional writers like Ernest Hemingway or Walker Percy had "first readers" that read drafts and made suggestions. Usually these readers were wives or agents or fellow authors. The point is, everyone relies on others for suggestions, so look at suggestions as opportunities to improve a manuscript rather than see these as attacks regarding your lack of skill.

The OTHER LESSON I learned from my workshop experience is that we learn by making mistakes. Sure, you can play it safe by writing simple things that don't stretch yourself. You can even play it TOTALLY safe by not writing at all; in other words, you've can develop a case of writer's block. But when you do these things, you shut yourself off from opportunities for growth. And growth--personal and professional--is what this world's about.

If you spend a lot of time reading about the creative process and creative individuals, you quickly realize that with geniuses like Thomas Edison and Leonardo da Vinci were successful because of a thousand missteps. Both men kept notebooks of their ideas and through these notebooks we can see how their ideas evolved. Often it was failure, failure, failure before a success was reached. But from each failure something was learned that pointed them in the right direction. Ultimately it was their confidence in themselves that kept them going despite the failures; they knew they would find the "right" answer if they just hung in there long enough. And more often than not they were right.

So if you want to write...then write! Believe in yourself! Yeah, maybe today you're not so hot a writer. But who knows where your skill level will be in a few years with practice. Don't sell yourself short. Take a risk. You have valuable information to share with others. That's what mailing lists are all about! Grin.

Mike Forinash
KBORIA

Date: Mon, 5 Jul 1999 09:38:53 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [44336] Fw: 706 Tuner Control
Message-ID: <19990705.093854.-133667.1.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

From: Jerry Henshaw <jhenshaw@bellsouth.net>

The unit works great and makes it a lot easier to tune the 706 with the autotuner. I have the original 706 and one feature of the tune control does not work with the my 706 and that is the 20 second time out. The 20 second time out is an internal function of the 706 and not the tuner control. I spoke with the guys at Better RF about this situation and they said they had not tried the time out with the original 706 but it worked fine with the MKII.

Has anyone else experienced this with their 706 Tune Control?

72's

Jerry Henshaw
KR5L/4

Hi Jerry, Bob and rest of gang:
I have an original 706 and mine times out in abt. 20 sec's. (Maybe Icom made some changes without changing model no.s?). I also have a MK11 and it works the same. Great little devices, after I bought one for the MK11, mobile, I liked it so much that I bought another one for the the original 706 that I use in the "shack".

72/73

Bill, K6MGO

P.S.

I use the shack unit with a MFJ tuner and the mobile with a screwdriver ant.

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 5 Jul 1999 11:42:39 cdt
From: Bill H Hays <wj5o@juno.com>
To: QRP-L@LEHIGH.EDU
Subject: [44337] Help - schematic needed
Message-ID: <19990705.114241.-156779.0.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,
Again, I go to the fountain of knowledge - the QRP reflector.

I need a simple FM wireless Mic circuit that inputs into the FM 88-108MHz band.

I would appreciate any information or source for the schematic.
72/73 Bill WJ50

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 5 Jul 1999 10:44:58 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <terryb@bmts.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [44338] Re: New Member
Message-ID: <199907051648.KAA31314@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Welcome to the greatest bunch in amature radio today 72 Cal KF7ET

> From: Terry Bendell <terryb@bmts.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: New Member
> Date: Monday, July 05, 1999 9:45 AM
>
>
>
> Excellent!
> Welcome aboard. Resistance was futile, we assimilate all...

>
> 73
> Terry
>
>
>
>
> On 1999-07-05 KD5GCL@aol.com said:
> >Just wanted to introduce myself to the group. I got my ham license
> >January 20th of 1999. I've done nothing but study and upgrade sinse.
> >I was introduced to a local QRP club "Don Quixote QRP
> >International". A couple of weeks ago three of us set up CW QRP
> >lakeside out in the woods. We hammered Field Day CQR's for 20 hours
> >straight. We made about 160 contacts and accumulated 1900 points.
> >This experiance was so exhilirating!! My head was spinning with
> >code. The birds were even sending code. I can't get the code out of
> >my head. (Sounds like a song) At any rate I am hooked for life.
> >73 Gary AC5SV
>
> Terry Bendell
>
> Net-Tamer V 1.11.2 - Test Drive
>

Date: Mon, 05 Jul 1999 17:10:27 GMT
From: Richard Arland <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [44339] PM-3A
Message-ID: <19990705171027.212.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, Gang....

I finally picked up a PM-3A from NZ8J. As with most of these radios one previous owner popped a hole in the front panel to install a 1/4 inch phone jack to use low Z phones (he/she didn't bother to use a 2K : 8 Ohm transformer to match impedances...just wired the new jack right to the 2K pin jacks). A SO-239 coaxial connector lives in the hole formerly occupied by the RCA antenna jack. Other than that the little PM rig is in good shape (discounting that one previous owner was a chain smoker....yuck...lots of grunge to remove to clean up the rig).

Anyone know of a way to fill in the two "modification holes"? Bondo? Liquid Aluminum? Paper Marche'? I can match the paint and respray the

localized area using a airbrush, but have never undertaken actually filling in holes on a chassis before. I know that some of the boat-anchor guys do this on a regular basis, but they work primarily in steel.

Need a 40/20 meter DPDT slide switch (matching T-T style) as this switch is pretty well shot. Can't get the rig to receive on 20 mtrs and traced it to the switch contacts. Thought I could take the sw apart and rebuild it, but it doesn't look like I will be able to do that. Anyone have a switch?

Finally, is there a PM "club" or gathering place for QRPers who have and operate the older PM gear?

73 Rich K7SZ

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Mon, 5 Jul 1999 13:38:27 -0700
From: w4bws@juno.com
To: wj5o@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [44340] Re: Help - schematic needed
Message-ID: <19990705.133845.-140581.3.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes go to the Rainbow Kits for one about \$9.00 and to radio shack for one at about \$12.00.

Don W4BWS

On Mon, 5 Jul 1999 11:42:39 cdt Bill H Hays <wj5o@juno.com> writes:

>Hi All,

>Again, I go to the fountain of knowledge - the QRP reflector.

>

>I need a simple FM wireless Mic circuit that inputs into the FM
>88-108MHz band.

>

>I would appreciate any information or source for the schematic.

>72/73 Bill WJ50

>

>-----
>Get the Internet just the way you want it. Free software, free e-mail,

>and free Internet access for a month! Try Juno Web:
><http://dl.www.juno.com/dynoget/tagj>.

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Mon, 5 Jul 1999 13:35:22 -0700
From: w4bws@juno.com
To: rong@slip.net
Cc: qrp-1@Lehigh.EDU
Subject: [44341] Re: Repost==== Tube QRP Xmitter
Message-ID: <19990705.133845.-140581.2.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Most of us had to learn the hard way to keep one hand behind us-
are today's kids such wimps that they cannot be taught- well I
guess we can blame TV not the parents.
Don W4BWS

On Mon, 05 Jul 1999 08:23:31 -0700 Ron <rong@slip.net> writes:
>Wouldn't a tube type QRP rig have somewhat dangerous voltages for a
>younger child? I remember tubes as a kid, but seems that the current
>12v
>radios are much safer for a kid, notwithstanding the beauty and fun
>of
>watching glowing filaments....

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Mon, 05 Jul 1999 12:47:18 -0500
From: Jay Bromley <w5jay@alltel.net>
To: w5jay@alltel.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44342] Doug Hendricks and Key Fever
Message-ID: <3780EFA6.30C947E7@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang I hope you enjoy this as much as I did!! 73 de w5jay..

Jaybob, please post this to qrp-l for me. I have a hot mail account and can't post from this account.

=====

It's Friday night and the excitement is almost more than I can stand. Tomorrow I get to see my new paddles for the first time. I am on vacation, and one of the highlights that I have been looking forward to is seeing the set of paddles that I ordered. I can't tell you who is making them yet, but the information will be announced soon when he is ready. The paddles are close to an exact copy of the N2DAN Mercury paddles, and when I say an exact copy, I mean exact, down to the figure of Mercury. There are some small differences though, and I think all are improvements on the original design.

The improvements include an absolutely flawless finish, and all parts that line up exactly. In fact, that lining up of parts is why I don't have the paddles now.

But I am getting ahead of myself. First the adventure. I got up early Saturday morning and made the phone call to check on how the paddles were coming. They are just about ready I was told, and so I decided to make the trip to Long Island to see the paddles. The directions seemed easy enough, and I took off for the 100 mile trip. You have to realize that I am from Kansas, and I have not grown up used to driving in big city traffic. I started down highway 7, soon joining I-95 headed for New York. The next trick was to cross the Throgs Neck bridge. I swear to God that is the right name. Where it came from I haven't the foggiest idea. Easterners have a funny thing about highways. They think that they should charge tolls to use them. Especially bridges. I paid \$3.50 to go over the Throgs Neck Bridge.

\$3.50!! I then got on the Cross Island Parkway, then the South Island Freeway, looking for Ocean Ave. Naturally I missed Ocean Ave. and had to back track. Finally I found the place. Nice neighborhood. The excitement is building.

The builder met me at the front door, and invited me to come down into the basement where his machine shop was to see the "Paddle". There it was. OH MY GOSH!! My mouth was the shape of a huge O. I was speechless. It was beautiful.

When I looked closer at the paddles, I noticed that the magnet and the attractor on one side were out of alignment by about 1/8 inch, and also that the contacts on the dash paddle were not perfectly aligned. I mentioned this to the builder, and he readily agreed to fix it, in fact, he pointed out the contact misalignment to me, said that he had finished building the paddles Friday night at midnight, and had noticed the parts were not perfectly aligned. He is going to make a new bar that will fix the problem and get it plated this week, and I will pick the paddles up next Saturday evening.

Now for a quick review:

Finish: Absolutely perfect. No visible scratches, absolute mirror finish.

The best that I have ever seen.

Alignment: Excellent on all parts except for the two areas mentioned above.

I am confident that they will be as good as the rest of the paddle when I see them next weekend.

Feel: Feels exactly like a Mercury should. The builder told me that he could not tell the difference in the "feel" of an original to the "copy", and that two of his friends that have Mercury's agreed. So do I. It has that "boing" feeling that you get with a Mercury, a unique feeling that has

to be felt, but those of you who have originals will know what I am talking about. It sends smooth as silk.

The physical dimensions are exact copies of the Mercury. The builder used exactly the same materials in all instances, including the exact same magnets, the same "cork" material on the bottom, and he even bought a set of the same punches that N2DAN used to identify the serial number on the bottom. By the way, I have serial number 004.

I saw the jigs and set up tools that were used to build the paddles. Guys, this is not a simple operation. This project has been over 2 years in the development, and the interesting thing was that the builder told me that he tried several times to improve the design, but always returned to the dimensions that N2DAN used. He tried heavier arms, made out of thicker material, for instance, but found that it just didn't have the right feel. He is convinced that N2DAN spent many, many hours in figuring the right dimensions, and that they are indeed right.

One of the interesting details is the engraving of the Mercury figure. That alone was weeks and weeks of work getting the image just right, and then getting it engraved. I was shown the process and how it was done, but cannot reveal it to you, as it is a trade secret that took the builder many many hours of work to develop.

Another interesting fact is that N2DAN would plate his bases, then would engrave the call through the plating as the paddles were sold. This left the call in brass, but "broke" the surface of the plating. The new paddles are much nicer in my opinion as the call is engraved first, and then the base is plated, thus the call is also plated.

We discussed the fact that the paddles are not a production type item. Each one has to be hand fitted. The polishing of the pieces before plating is a critical step. He says that he will probably build one paddle a month, so that means that there will only be 12 per year made. Guys, I was going

to order a set of N2DAN's Mercury paddles, but kept putting it off until it was too late. I thought that I would never have the chance to own a quality set of paddles like the Mercury, and then I heard that Bencher was going to produce them. I was excited. Then I waited and waited and am still waiting. Now, I can tell you that I know where to buy a set of Mercury Paddles that are an exact copy of the original, and in fact are an improved version in my opinion.

Please don't email asking about the cost or who the builder is. He will announce the details when he is ready, and it is his announcement to make.

I heard about them from a friend, I took a chance, and hit the jackpot. Sometimes you have to roll the dice, and sometimes you win, I think I won big. I will never ever sell my set of Mercury paddles. For those of you who are lusting after a set of Mercury paddles, be patient just a little while longer. There will be another source.

72, Doug, KI6DS

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Date: Mon, 5 Jul 1999 12:49:03 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <r_arland@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44343] Re: PM-3A
Message-ID: <018001bec70e\$cd2d7310\$e566d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Anyone know of a way to fill in the two "modification holes"? Bondo?
>Liquid Aluminum? Paper Marche'? I can match the paint and respray the
>localized area using a airbrush, but have never undertaken actually
>filling in holes on a chassis before. I know that some of the boat-
>anchor guys do this on a regular basis, but they work primarily in

>steel.

Well, I'd try it this way: First, get a piece of thin aluminium and glue it over the hole from the inside. Go out and buy a tube of Bondo "Body Filler." It's made for "quick, Bondo-screw-up patchess." Fill in the hole. Sand it, and make sure that you close your eyes and pass your fingers over the patched area and can't feel where the patch is. If you can feel the patched area, keep sanding. If you don't, it will be visible. In other words, if the fixed area isn't as smooth as glass, the patch will show up after you paint the thing.

Hope this helps,

Randy Jouett, AB5NI

Date: Mon, 05 Jul 1999 13:43:56 -0400
From: santomas <santomas@gte.net>
To: qrp-l@lehigh.edu
Subject: [44344] lets trade
Message-ID: <3780EEDC.3A056435@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a rs pro 37 29-950 mhz scanner, anyone like to trade a qrp rig for it? mike kc4idz st.pete fla.

Date: Mon, 05 Jul 1999 14:13:43 -0500
From: sholisky@ktca.org (Scott Holisky)
To: qrp-l@lehigh.edu
Subject: [44345] Re:connectors for cable tv scraps
Message-ID: <fc.000f548a004826fb000f548a004826fb.4826fe@ktca.org>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi Niel - Great score. I've used a few runs of catv line with "home made

adapters". The key thing is that the aluminum to whatever contact will oxidize over time. Last couple I made with a plumbers brass compression fitting, this was used to join two tubes together. I ran the hardline through one side, the sleeve of the connector on the other. A little of that magic no-ox and I was in business.

I'd cut off a short hank and head to the depot ! Let your imagination go !

72 Scott N0AR
Vadnais Heights, MN

PS I was always this cheap, even before I became a beekeeper.

Date: Mon, 5 Jul 1999 13:18:42 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: w4bws@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44346] Re: Repost==== Tube QRP Xmitter
Message-ID: <Pine.OSF.4.05.9907051317230.30942-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I remember seeing a tube rig on the Norcal page that had ridiculously low voltages. It was a Regen. I never built it so I don't know if it works.

Brian.

On Mon, 5 Jul 1999 w4bws@juno.com wrote:

> Most of us had to learn the hard way to keep one hand behind us-
> are today's kids such wimps that they cannot be taught- well I
> guess we can blame TV not the parents.
> Don W4BWS
>
> On Mon, 05 Jul 1999 08:23:31 -0700 Ron <rong@slip.net> writes:
> >Wouldn't a tube type QRP rig have somewhat dangerous voltages for a
> >younger child? I remember tubes as a kid, but seems that the current
> >12v
> >radios are much safer for a kid, notwithstanding the beauty and fun
> >of
> >watching glowing filaments....
>
> Don Sanders W4BWS
> 694 E. Eau Gallie Blvd

> Satelllite Beach ,FL 32937
> My favorite QRP rig glows in the dark
>

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca      http://duke.usask.ca/~buydens |
| VE5RDV                               |
+-----+
| Do you have any dog shampoo that wasn't tested on animals?          |
+-----+
```

Date: Mon, 5 Jul 1999 15:27:44 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-1@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [44347] Reminder: SP tonight
Message-ID: <199907051927.AA01730@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Reminder: the ARS SP is tonight (MONDAY, 9-11 Eastern USA time). 15 meters has been open late at night. I've even worked Europe DX late at night on 15 meters. So I'll listen for you on 15.... Come on all you K2, QRP+, and OHR multi-band rig owners: I want to hear you on 15 tonight.

ARS Manager, Russ says:

The July Spartan Sprint will be held on July 5 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT. In terms of UTC, start at 0100 and finish at 0300.

...
...

See the ARS WEB page at:
www.natworld.com/ars

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Mon, 5 Jul 1999 15:43:55 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU
Subject: [44348] FS: Portable QRP Antennas
Message-ID: <199907051943.PAA29044@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Here's a handy solution for your portable antenna dilemma!

PVC Gusher 1-lb portable QRP inverted Vee dipoles

Three models:

*** Economy Gusher 20-20 cut and ready to go for 20 meters
\$19 ppd 02 2 for \$35 (US) - until supply is gone

*** Gusher Classic - monoband - you cut for any band 40 thru 10 meters
\$23 ppd (US)

*** Gusher -2L - multiband capable in several configurations on 40-10m
\$28 ppd

Common features:

| | | |
|---|---|----------------------------|
| | | |
| | ? | Screweye for hoisting line |
| | 0 | Sealed center insulator |
| * | | * |
| * | | * |
| | | Lightweight insulated |

* | * dipole wires
 o
30+ foot RG-174 feedline
 w/BNC connector

Fits in a pocket-size plastic "zipper" bag
All come with detailed manual and usage instructions.

n2cx@voicenet.com
for info and .jpg photos

72/73,

Joe E., N2CX

Date: Fri, 02 Jul 1999 06:03:03 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [44349] Re: Repost==== Tube QRP Xmitter
Message-ID: <377CAA77.6A3BA376@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

While looking thru stuff going to the club for auction, one of the magazines had a 50L6 osc/amp good for 4 watts, the rectifier was a 35z5, series connected filaments with 200 ohm @10 watt resistor to enable it to operate straight from the 115 line (((NOT!!! RECOMMENDED!!!)), I think I would use a proper power supply with transformer, but the idea is to put something together as cheaply as possible. The chassis was made from formed/shaped and soldered rabbit screen. The article is in the April 1956 CQ magazine, page 28.

Oh, I think a cake pan or aluminum ice tray would be better.
73

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2

(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Mon, 5 Jul 1999 14:41:38 -0400
From: dfirlik@juno.com
To: qrp-1@Lehigh.EDU
Subject: [44350] Semiconductor Data
Message-ID: <19990705.155023.-83863.1.dfirlik@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

NTE Electronics Inc. has a web site that provides a cross reference to their equivalent semiconductor devices. Data sheets for most of their devices are available.

<http://www.nteinc.com/cgi-bin/nte>

Also, check out the discrete components web site of the Motorola Semiconductor Products Sector.
Lots of tech info here.

<http://design-net.com/ppd/html/ppdhome.html>

Don K8AQZ
Grand rapids, Michigan

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 5 Jul 1999 15:50:04 -0400
From: dfirlik@juno.com
To: qrp-1@Lehigh.EDU
Subject: [44351] Switching Power Supplies
Message-ID: <19990705.155023.-83863.2.dfirlik@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A while back there were several postings on computer switching power supplies. Those interested in these devices might find "Notes on the Troubleshooting and Repair of Small Switchmode Power Supplies" an interesting read. It is a fairly long document that gets into the common problems and symptoms. It also discusses the DANGERS of working on these supplies and describes some easily built safety devices. It can be found at :

<http://www.repairfaq.org/sam/smpsfaq.htm>

Don K8AQZ
Grand raapids, Michigan

Get the Internet just the way you want it.
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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 05 Jul 1999 16:40:51 -0400
From: "George Murphy" <VE3ERP@encode.com>
To: qrp-l@lehigh.edu
Subject: [44352] Coil Q Project
Message-ID: <3.0.1.32.19990705164051.00687510@ENCODE.COM>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Help!

Need volunteers with a few B&W coils on hand and a Q meter, to measure coils and send me the results, for as many coils as you want to test. If possible, prefer coils with a Length/Diameter ratio within the range of 0.4:1 to about 3:1, but any L/D will be fine.

For each coil measured, please state B&W catalog number, number of turns, measured inductance, and the measured Q at each of the following frequencies:

1.8, 3.5, 7.0, 14.0, 21.0, 28.0 and 50.0 MHz.

Please e-mail data direct so as not to clutter up the list - hi!

-73- Murph VE3ERP

Date: Mon, 05 Jul 1999 16:57:08 -0400
From: "David Hurley,n2zhy" <n2zhy@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [44353] Anguilla Turns from the Darkside
Message-ID: <37811C24.A20815CF@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Made my daily contact with vp2erem, Jim/wb2rem, in Anguilla this morning. Used my Alinco at 5 watts to a dipole. Jim is with his kids and wife, vacationing until Thursday. Jim is strictly qro.

He has been amazed that I could consistently contact him using qrp. The other day I asked the qrp-1 group to go back to his cq with "qrp". Well, this morning he says "I been making an awful lot of contacts with qrp stations". Man, I could see the light go on all the way up here in New Jersey. I think I even smelled smoke!

HE IS STARTING TO TURN.

The following is a very loose sched:
1030z to 1230z approx, and 2030z to 0030z approx with time off for dinner.

14.025 +/- mostly in the morning
14.260 +/- mostly in the evening
He has also been heard on 28.411

He was over 2200 qsos as of this morning. He said that his travelers checks have been stolen, his kids abducted and the wife is dating the pool guy so he should have more time to get on the air!

Help turn this poor guy from the darkside. Look for vp2erem (yup, four letter suffix) and go back to his cq with "qrp"! His home call is wb2rem.

72
David,n2zhy
Princeton,NJ

Date: Mon, 5 Jul 1999 15:57:46 -0600 (MDT)
From: James P Rybak <jrybak@mesastate.edu>
To: qrp-1@lehigh.edu
Subject: [44354] Gate-protected 40673's??
Message-ID: <Pine.OSF.4.10.9907051550480.155-1000000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I understand that at least some 40673's were manufactured with gate protection from static electricity. Is this true? If so, is it possible to identify them from the markings, etc.?

What's a good substitute for the 40673 which is currently available and is reasonably static resistant?

Thanks.

Jim W0KSD

Date: Mon, 5 Jul 1999 18:25:34 EDT
From: KB9OCE@aol.com
To: VE3ERP@encode.com, qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [44355] Re: Coil Q Project
Message-ID: <fbf399a3.24b28ade@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Murph -

What are you trying to do, figure out a hb solution to B&W coil stock? If so, I have a bunch of notes from old magazines where they specified B&W stock, but also gave the roll-your-own instructions too. These were taken out of numerous old magazines from a multitude of projects. The designation "tpi" shown below is turns per inch. They follow:

B&W#...

3001 is #18 wire 4 tpi on 1/2" dia core
3003 is #20 wire 16tpi on 1/2" dia core
3004 is #24 wire 32 tpi on 1/2" dia core
also listed for 3004 is #28 wire 32 tpi on 1/2" dia core
3006 is #18 wire 8 tpi on 5/8" dia core (Same as AirDux 508)
3007 is #20 wire 16 tpi on 5/8" dia core
3008 is #24 wire 32 tpi on 5/8" dia core
3010 is #18 wire 8 tpi on 3/4" dia core
3011 is #20 wire 16 tpi on 3/4" dia core
3014 is #18 wire 8 tpi on 1" dia core
3015 IS #20 wire 16 tpi on 1" dia core (Same as AirDux 816)
3016 is #24 wire 32 tpi on 1" dia core

3018 is #16 wire 8 tpi on 1 1/4" dia core
3021 is #14 wire 4 tpi on 1 3/4" dia core
3907-1 is #16 wire 10 tpi on 2" dia core

Hope this helps someone.

73

Mike

Date: Mon, 05 Jul 1999 16:28:58 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: jayFreem@direcpc.com
Cc: qrp-1@lehigh.edu
Subject: [44356] Re: ZM-2 Question - May be Open Feedline?
Message-ID: <199907052230.RAA24933@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Jay - I would suspect that your problem with sudden changes in matching of your G5RV/ZM-2 combination is due to a broken feedline somewhere. The most likely place is at or near where a connection is made. A second guess would be a bad connector, either shorted or open.

Here is an idea for future use. One simple way to diagnose feedline problems is to put a high value resistor (100 KOhm or so) across the feedpoint when building the antenna. This will allow you to tell whether or not the feedline is good with a simple ohmmeter reading across the feedpoint in the shack. The high value resistor will dissipate very little power. For resonant dipoles with a 50 Ohm feedpoint a lower value, say 20 - KOhm can be used.

Let us know what the problem turns out to be. 72 - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Mon, 5 Jul 1999 15:42:43 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <jrybak@mesastate.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44357] Re: Gate-protected 40673's??

Message-ID: <021401bec737\$b30c2980\$f8424cd1@k6qq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi Jim,

> I understand that at least some 40673's were manufactured
with gate
> protection from static electricity.

When I was designing with them, they were **all** static
protected.

(Back in the late '60s to early '70s.)

> What's a good substitute for the 40673 which is currently
available and is
> reasonably static resistant?

They are all getting scarce, but Dan's Small Parts has them
for
\$4.50 or 10/\$4, which is not a bad price.

72,

John, K6QQ

Date: Tue, 06 Jul 1999 08:44:53 +1000

From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [44358] Repost==== Tube QRP Xmitter

Message-ID: <37813565.210A989A@integritynet.com.au>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-- "Ed Manuel (N5EM)" wrote:

> Great fun DXing the AM band at night. Zapped me many a time as I
> messed with things I shouldn't have been messing with. I was around 12. I
> survived to grow up but still, there's a lot of energy in that wall.

Been there done that, only younger. "Electricity is a wonderful servant but a terrible Master"

> Transistors, ICs and batteries are the thing for today. Nostalgia is fine.
> Safety is a lot more important.

Amen

73's

Ian

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 0011 + 61 + 2 + 4399 3228 (2200 - 0800 U.T.C.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic>

URL - <http://www.qsl.net/vk2tip/>

"By definition, a government has no conscience. Sometimes it has a policy, but nothing more". - Albert Camus

Date: Mon, 5 Jul 1999 18:50:03 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [44359] MXM Industries QRP 30-M rig
Message-ID: <acada4b.24b2909b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have one of the first MXM 30-M qrp rigs.
I loaned it out several years ago and it was returned without the speaker.
It's very well built and I would like to trade it for a 38 special.
I have all the paper work for it
Bob
WA2HOQrp <tm>

End of QRP-L Digest 1509
